



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,680	03/18/2004	Kyong-Joon Chun	678-1230 (P11206)	7325

28249 7590 02/23/2007
DILWORTH & BARRESE, LLP
333 EARLE OVINGTON BLVD.
SUITE 702
UNIONDALE, NY 11553

EXAMINER

BEAMER, TEMICA M

ART UNIT	PAPER NUMBER
----------	--------------

2617

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/23/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/803,680

Applicant(s)

CHUN, KYONG-JOON

Examiner

Temica M. Beamer

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Art Unit: 2617

3. Claims 1-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Sumanaweera, U.S. Patent Pub. No. 2002/0071677.

Regarding claim 1, Sumanaweera discloses a system for providing real-time search information, comprising: a mobile terminal (0032-0035) for transmitting a request for detailed information about multimedia data and outputting detailed information received in response to the request (0044); a search system having an information database for storing relevant information about multimedia data, determining if information in the information database matches multimedia data, about which detailed information has been requested, requesting detailed information corresponding to the matching information, if any, and when the requested detailed information is received, transmitting the received detailed information to said mobile terminal (0039-0044); and a plurality of information providing servers for collecting detailed information corresponding to the matching information upon receiving a request for the detailed information from said search system, and sending the collected information to said search system (0037).

Regarding claim 2, Sumanaweera discloses the system according to claim 1, wherein said mobile terminal sends at least one of classification information and keyword information, when sending to said search system a request for detailed information about the multimedia data (0043).

Regarding claim 3, Sumanaweera discloses the system according to claim 2, wherein said multimedia data includes at least one of image, sound and text information (0039-0043).

Regarding claim 4, Sumanaweera discloses the system according to claim 3, wherein said image information stored in said information database includes a plurality of images of an object photographed at various angles and positions (0044).

Regarding claim 5, Sumanaweera discloses the system according to claim 4, wherein said image information stored in said information database includes a plurality of images of an object which show the changes of the object with lapse of time (0044).

Regarding claim 6, Sumanaweera discloses the system according to claim 1, wherein said search system is a base station (0033-0035).

Regarding claim 7, Sumanaweera discloses the system according to claim 1, wherein said search system sends a request for detailed information corresponding to said matching information to a server which has the most sufficient matching information, among said plurality of information providing servers (0044).

Regarding claim 8, Sumanaweera discloses the system according to claim 1, wherein said search system sends the detailed information received from at least one of the plurality of information providing servers to said mobile terminal, together with said matching information (0044, 0045).

Regarding claim 9, Sumanaweera discloses a method for providing real-time search information from a system for providing real-time search information having a mobile terminal, a search system for managing a wireless communication network for communication through the mobile terminal, and an information providing server for collecting information requested from the search system and providing the collected information to the search system, said method comprising the steps of: a) requesting

Art Unit: 2617

detailed information about multimedia data; b) comparing said multimedia data with relevant information stored in an information database of said search system and determining if information in the information database matches said multimedia data; c) when said search system detects matching information, sending a request for detailed information corresponding to the matching information; d) when an information providing server receives a request for detailed information, collecting detailed information corresponding to the matching information and sending the collected detailed information to said search system; e) when the detailed information corresponding to the matching information is received from said information providing server, sending the received detailed information to said mobile terminal; and f) when said mobile terminal receives the requested detailed information, outputting the detailed information (0037-0045).

Regarding claim 10, Sumanaweera discloses the method according to claim 9, wherein step a) further comprises the step of sending at least one of classification information and keyword information, when sending a request for detailed information about the multimedia data to said search system (0043).

Regarding claim 11, Sumanaweera discloses the method according to claim 10, wherein said multimedia data includes at least one of image, sound and text information (0039-0041).

Regarding claim 12, Sumanaweera discloses the method according to claim 11, wherein said image information stored in said information database includes a plurality of images of an object photographed at various angles and positions (0044).

Regarding claim 13, Sumanaweera discloses the method according to claim 12, wherein said image information stored in said information database includes a plurality of images of an object which show the changes of the object with lapse of time (0044).

Regarding claim 14, Sumanaweera discloses the method according to claim 9, wherein said search system is a base station (0033-0035).

Regarding claim 15, Sumanaweera discloses the method according to claim 9, wherein said information providing server consists of a plurality of information providing servers, and step c) further comprises the step of sending a request for detailed information corresponding to said matching information to a server having the greatest amount of matching information, among said plurality of information providing servers (0044).

Regarding claim 16, Sumanaweera discloses the method according to claim 9, wherein step e) further comprises the step of sending the detailed information received from one information providing server to said mobile terminal, together with said matching information detected at step b) (0043-0045).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Neven, Sr., U.S. Patent Pub. No. 2005/0185060, discloses an image base inquiry system for search engines for mobile telephones with integrated camera.

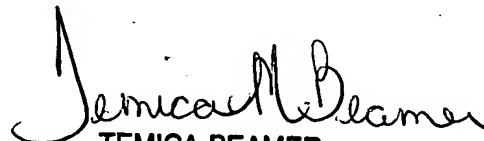
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Temica M. Beamer whose telephone number is (571) 272-7797. The examiner can normally be reached on Monday-Thursday (alternate Fridays) 7:30am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on (571) 272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Temica M. Beamer
Primary Examiner
Art Unit 2617

tmb


TEMICA BEAMER
PRIMARY EXAMINER